

NOMENCLATORIAL CHANGES IN THE *XANTHOPTERUS* GROUP OF  
THE GENUS *MYDAS* (DIPTERA: MYDIDAE)

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*Abstract.*—A recent publication of a revision of Mydini by Wilcox et al. (1989) necessitates several nomenclatorial changes to the *M. xanthopterus* group of *Mydas* as reviewed by Welch and Kondratieff (1990): *Mydas evansorum* Welch and Kondratieff *nomen novum*, replaces a primary junior homonym, *M. fisheri* Welch & Kondratieff is an objective synonymy of *M. fisheri* Wilcox et al., and *Mydas simplex* Loew is not considered a valid species but a synonymy of *M. luteipennis* Loew as previously concluded by Welch & Kondratieff (1990).

*Key Words:* Insecta, *Mydas xanthopterus* group, systematics

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A recent posthumous publication of a Joseph Wilcox manuscript by Papavero and Pimentel (Wilcox et al. 1989) necessitates several immediate taxonomic changes in the *xanthopterus* group of *Mydas*, as recently reviewed by Welch and Kondratieff (1990). Wilcox passed away in December 1982. Numerous additional taxonomic incongruences included in this paper will be addressed in a review of the Mydidae of North America, especially the generic concepts introduced by Wilcox et al. (1989).

*Mydas evansorum* Welch & Kondratieff  
*New Name*

*Mydas lavatus*, Wilcox et al., 1989: 55.

*Mydas evansi* Welch & Kondratieff, 1990:  
146. Type locality: Tamaulipas, Villagran, Mexico. Holotype, male in CAS.  
*Nomen novum.*

This new name is to replace a primary junior homonymy with *Mydas evansi* Wilcox et al. (1989), a species described in the *clavatus* group. Wilcox et al. (1989) recognized *M. evansorum* as *M. lavatus* Gerstaecker, a synonym of *M. xanthopterus*

(Welch and Kondratieff 1990). The specimen used for their description of *M. lavatus* was the new species renamed above.

*Mydas fisheri* Wilcox et al.

*Mydas fisheri* Welch and Kondratieff, 1990:  
146. Type locality: Baja California Sur, 7 mi. SW La Paz, Mexico. Holotype, male in CAS. **NEW SYNONYMY.**

*Mydas fisheri* Wilcox et al. (1989) is an objective synonymy of *M. fisheri* Welch and Kondratieff (1990). Wilcox et al. (1989) listed *M. fisheri* as restricted to Baja California however, specimens from Arizona have been examined (Welch & Kondratieff 1990).

*Mydas luteipennis* Loew

*Mydas luteipennis* Loew, 1866: 14. Type locality: (West) Texas. Holotype male, in MCZ (#1058), examined.

*Mydas simplex* Loew, 1866: 15. Type locality: (West) Texas. Holotype male, in MCZ (#10661), examined. Synonymy by Welch and Kondratieff, 1990: 146.

Welch and Kondratieff (1990) have pre-

viously provided the rationale for the above synonymy (relative size and wing color previously utilized to separate the two were found to blend into a continuously variable range). In addition, the male terminalia of both types are identical. In fact Wilcox et al.'s (1989) discussion of *M. simplex* indicates their uncertainty about the specific status of this species.

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